

## ABSTRACT

1           A surgical warming system includes at least one and generally two or more  
2 compartments, whereby each compartment is separately heatable and controllable over its own  
3 range of temperatures. The compartments may be implemented as separate warmer units in  
4 stacked relation. Alternatively, the compartments may be constructed into a single cabinet  
5 structure. The heat within each compartment is provided by forcing air through a heating  
6 chamber and into the compartment whereby the forced air is recycled and mixed with make-up  
7 air. Each individually controllable compartment enables an operator to simultaneously maintain  
8 the individual compartments of the same warming system at different desired temperatures. In  
9 addition, the warming system further includes for each compartment a display and a tray or  
10 drawer with individual receptacles and corresponding monitoring assemblies in order to indicate  
11 the temperature and residence time of each item heated within that compartment.